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signal from the filter means before being applied to the detector means, current means for sourcing current to the tuning means responsive to the error signal, and means for filtering the current sourced error signal from the current means before being applied to the tuning means.

218. (New) The transmitter system of claim 211 wherein the mixer comprises track and hold means for tracking and holding the first signal in response to the second signal, and limiting means for limiting the response of the track and hold means to a frequency band, the first signal being within the frequency band.

219. (New) The transmitter system of claim 218 further comprising means for buffering first signal before being applied to the track and hold means.

220. (New) The transmitter system of claim 218 wherein the limiting means comprises an inductor and capacitor each being coupled to the track and hold means.

221. (New) The transmitter system of claim 218 wherein the track and hold means comprises a switch in a path of the first signal, the switch being controlled by the second signal.

REMARKS

Claims 1-163 have been canceled without prejudice to prosecute in patent Application No. 09/634,552. Claims 164-221 have been added. Entry of the foregoing amendment is respectfully requested.

Respectfully submitted,

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